GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:5846
ANSWERED ON:10.04.2017
Calorific Value of Natural Gas
Lekhi Smt. Meenakashi

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the details of calorific value of natural gas; and
(b) how does it compare with calorific values of different fuels especially coal and petroleum?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI DHARMENDRA PRADHAN)
(a): The calorific value of natural gas varies from basin to basin and field to field. The average calorific value of natural gas produced in India is between 8000 to 9480 K cals/Cu. Metre.
(b): The Calorific Value of Coal also varies on the basis of geographical age, formation, ranking and location of the coal mines etc. Non-coking coal has been categorized based on its calorific value and it is between 2400 to 6200 Kcal/kg. However, coal imported from Australia and Indonesia has higher calorific value. The calorific value of other petroleum products are as below:

Products	K Cals/kg
NGL	12135
Motor Gasoline	11135
Kerosene	10638
Jet Fuel	11790
Gas Oil	10790
Fuel Oil	10440

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